

Data Sheet

Jacket radiant tubes



JACKET RADIANT TUBES (K TYPE)

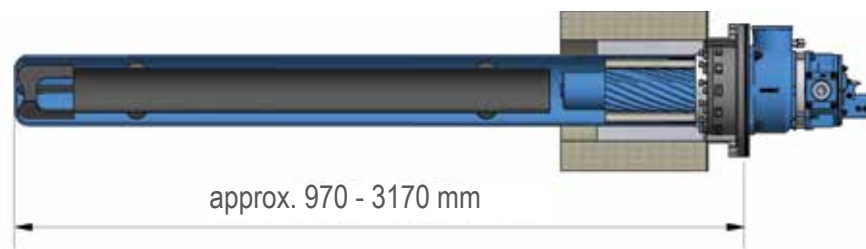
Ceramic radiant tubes for the indirect heating of industrial furnaces



Specifications & Advantages

- Especially high oxidation and corrosion resistance (no scaling)
- Suitable for horizontal or vertical installation
- Heating tube, flame tube, and spacers are designed in SiSiC ceramic, for thermal stability of up to 1300°C
- Extremely high density even at application temperature
- Constant mechanical rigidity
- Wide selection of different sizes for diverse applications
- Compatibility with other systems
- Especially maintenance-friendly, modular set-up with reusable components
- Numerous possible combinations with burners in ceramic and steel design

Possible combinations with ceramic burners



Burner size	Outer casing diameter [mm]							
	80	90	100	115	140	145	165	200
K-RHGBE 15								
K-RHGB 15								
K-RHGBE 30/ K-RHGB 25								
K-RHGBE 50/ K-RHGB 40								
K-RHGBE 100/ K-RHGB 80								

not combinable
 with waste gas guiding tube
 without waste gas guiding tube

with steel burners



Burner size	Outer casing diameter [mm]			
	140	145	165	200
RHGB 15				
RHGB 25				
RHGB 40				

not combinable
 with waste gas guiding tube

JACKET RADIANT TUBES (STEEL)

Steel radiant tubes for the indirect heating of industrial furnaces



Specifications & Advantages

- Suitable for horizontal and vertical installation
- Particularly mechanically robust
- Wide selection of different sizes for diverse applications
- Numerous designs (p-, double-p, u-tubes, etc.)
- High power input due to large surface (i.e. double-p tube)
- Extremely high density even at application temperature (depending on material)
- Very compatible with other systems
- Combinable with burners in ceramic and steel design



Example of use P shapes,
implementation on request

Possible combinations with ceramic burners



Burner size	Mantelrohrdurchmesser (mm)				
	100	120	150	200	300
K-RHGBE 15					
K-RHGB 15					
K-RHGBE 30/ K-RHGB 25					
K-RHGBE 50/ K-RHGB 40					
K-RHGBE 100/ K-RHGB 80					
K-RHGB 160					

not combinable
 with waste gas guiding tube
 without waste gas guiding tube

with steel burners



Burner size	Mantelrohrdurchmesser (mm)			
	120	150	200	300
RHGB 15				
RHGB 25				
RHGB 40				
RHGB 80				
RHGB 100				
RHGB 160				
RHGB 250				

not combinable
 with waste gas guiding tube
 without waste gas guiding tube

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NOX/DBMantel/EN/2023